Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 10 Apr 2023 until 23:59 on Tuesday 11 Apr 2023

Forecast Issued on Sunday 09 Apr 2023 at 16:08

Confidence: Generally high confidence but low for timing of low pressure system Tuesday into Wednesday, and the details on wind strength and rainfall location.

Headline for Monday 10 Apr 2023: A bright start but frequent showers soon dominating through much of the day.

Mountain weather hazards on Monday 10 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Heavy rain showers (night)	Sunny intervals	Heavy rain showers	Light rain showers	Light rain showers	Heavy rain showers (night)
Precipitation probability							
80%	60%	40%	30%	50%	40%	40%	70%

Forecast for Monday 10 Apr 2023

Weather: Low cloud and rain clearing to the east during the early hours. A drier interlude likely through the morning, then scattered showers following behind from the west through the rest of the day, with drier spells at times.

Chance of cloud-free hill tops above 800m: 20% at first then around 70% for much of the day.

Low cloud and visibility: Widespread early low cloud, base 500-700m, accompanied by rain reducing visibility to moderate, soon clearing. Scattered to broken low cloud in association with showers, base 600-800m. Temporary visibility reductions.

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Mountain Weather Forecast

Forecast for Monday 10 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	39/48 S	40/50 S	30/38 SW	26/35 SW	23/32 SW	23/31 SW	22/28 W	23/30 W	29/39 W
600	31/42 S	34/46 S	27/36 SW	24/34 SW	22/31 SW	20/29 SW	18/25 W	19/27 W	23/34 W
300	12/33 S	14/36 S	12/28 SW	11/27 SW	11/25 SW	11/25 SW	9/21 W	9/21 W	11/28 W
Valley	11/29 S	15/33 S	12/26 SW	12/24 SW	12/24 SW	12/23 SW	10/20 W	10/22 W	13/28 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-4	4/-3	3/-3	2/-4	2/-4	2/-5	1/-6	-0/-7	-0/-8
600	6/-1	6/0	5/-1	5/-1	4/-1	4/-2	3/-2	2/-4	2/-5
300	7/4	7/4	7/4	7/4	7/4	7/4	6/3	4/1	4/-0
Valley	9/7	9/6	9/6	9/7	9/6	9/6	8/5	7/4	6/3
Freezing Level*	1800m	1600m	1300m	1100m	1000m	1000m	1000m	900m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level dropping through the day, giving a noticeably cold feel at height.

Forecast for Tuesday 11 Apr 2023

Weather: Sunny spells and scattered showers through the morning, falling as snow above around 800m. Becoming mainly dry with prolonged sunshine into the afternoon. Heavy rain pushing in from the west during the evening.

Maximum wind: Westerly 10-15 gust 25 mph, becoming southeasterly 20-25 gust 35-40 mph by late evening.

Chance of cloud-free hill tops above 800m: 60% at first, increasing to 80%. Dropping to 10% into the evening.

Low cloud and visibility: Scattered low cloud, base 700-800m in association with showers, visibility temporarily reducing to moderate or poor. Otherwise good until evening when widespread low cloud, base 500-700m, spreads in.

Temperature: **Valleys:** Plus 3 rising to plus 8 Celsius.
At 800m: Minus 1 rising to plus 2 Celsius.
Freezing level: 800m rising to 1000m later.

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Sunday 9 April Location: Birkhouse Moor (718m) at 12:43 Temperature: plus 5.2 deg C Maximum wind speed 24.3mph Wind chill: minus -1.1 deg C Average wind speed: 12.3mph
Full report:
A dry day with moderate blustery winds. The fells and paths throughout the Lakes are almost entirely snow-free, with just a couple of tiny, negligible patches of snow remaining high up on Helvellyn.
A change in the weather is forecast this evening and tomorrow with a frontal system pushing into the region bringing rain and windy conditions.
Despite the lack of wintery conditions, the windchill (feels-like) temperature is frequently in negative figures on the tops. Anyone heading out tomorrow should take plenty of warm and waterproof clothing, including hats and gloves, a map and compass, as well as emergency kit including a group shelter/survival blanket, headtorch, and spare warm layers.
Issued at: 1608 on Sun 09 Apr 2023

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